

## River Gauge / AHPS Status Report

Jan 24 2013 – 800am EST

*WFO Tallahassee and WFO Jacksonville*

New Continuing Update Resolved/Completed Terminated History

**Stream Gauges Added / Updated / Resolved / Terminated:** AYSG1, GNVA1, HRAG1, MRKF1, SNWF1, WCXF1,WTMF1

**Rain Gages RECENTLY Terminated: DOUF1, LURF1, BFDF1**

### **Stream Gauge Terminations or Potential Terminations**

DOCF1 (JAX) - (02246025) Black Creek at Doctors Inlet. Terminated. USGS has no plans to reinstall equip on new bridge.

JAKF1 (JAX) - (02246459) Cedar River at San Juan Avenue at Jacksonville. USGS Discontinued effective 30 Sep 2011 due to lack of funding.

ORKF1 (JAX) - (02246025) Ortega River at Kirwin Road near Jacksonville. USGS Discontinued effective 30 Sep 2011 due to lack of funding.

WWAF1 (TAE) - USACE has terminaed MILE 35 on the Apalachicola River effective 31 Oct 2011.

- (02322698) Ichetucknee River at Dampier's Landing near Hildreth, FL

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### **\*\* Rain Gages Being Terminated\*\***

CRVF1 – (02369000) Shoal River near Crestview, FL

CTYF1 – (02375500) Escambia River near Century, FL

MLNF1 - (02370500) Big Coldwater Creek near Milton, FL

MHDF1 – (02368500) Shoal River near Mossyhead, FL

DOUF1 – (02319800) Suwannee River at Dowling Park

PITF1 – (02365200) Choctawhatchee River near Pittman, FL

LURF1 – (02320000) Suwannee River at Luraville, FL

CARF1 – (02365500) Choctawhatchee River at Caryville, FL

BFDF1 – (0232500) Suwannee River at Branford, FL

BRUF1 – (02366500) Choctawhatchee River near Bruce, FL

TREF1 – (02322703) Suwannee River AB Ichetucknee River near Hildreth, FL

MALF1 – (02358789) Chipola River at Marianna, FL

RCKF1 – (02323000) Suwannee River near Bell FL (Rock Bluff)

BLXF1 – (02330000) Ochlockonee River near Bloxham, FL

MTSF1 – (02323567) Suwannee River at Manatee Springs near Old Town, FL

n/a - (02329500) Little River near Quincy, FL

SUWF1 –(02323592) Suwannee River above Gopher River near Suwannee, FL

HVNF1 – (02329000) Ochlockonee River near Havana, FL

LAMF1 – (02326500) Aucilla River at Lamont, FL

**NETWORK STATUS:** Good Shape. No problems.

**AHPS Problems:** CMS Change request submitted for control over display of ESP Products.

**AHPS Updates:** .

- Added Little Double Bridges (LDBA1) in Southeast Alabama to “AHPS Monitor – TAE”

See: <http://water.weather.gov/ahps2/index.php?wfo=tae> and click on link.

**HADS:** New Site installed on Spring Creek by USGS GA. Am working on new NWSLI.

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NWSLI	Site ID	Station Name	Concern	Cooperator or Agency	Date Began	Status
ARTA1	02363000	PEA RIVER NEAR ARITON, AL	CPYRWMA (Don Hyde requests interim change of A tion Stage from 15 to to 12 ft.	CPYRWMA	10/04/2009	Implemented in AHPS on 4 Oct 2010. Preliminary Survey completed on 9 Nov. Follow up elevation surveys in planning.
AYSG1	02226500	SATILLA RIVER NEAR WAYCROSS GA	Data Quit	USGS GA	1/21/2013	USGS repaired site pronto and it is back up.
CHAF1	02358000 02358001 Aux	APALCAHICOLA RIVER AT CHATTAHOOCHEE	Difference noted between Primary and Aux gage readings.	USGS TLH	5/13/2010	Note: There is a 200 cfs difference between the Auxillary Sensor (02358001) and the Primary Sensor (02358000) which is within USGS error band tolerance.
COLA1	02343801	CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL	Some categories of ESP products are not available and show up as missing page.	Southern Region	1/07/2009	A CMS update request has been submitted that allows selection of displayable products.

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ELBA1	02364000	PEA RIVER AT ELBA,AL	Wire Weight Readings are .08 ft higher than float readings.	USGS AL	4/30/2012	This will be rechecked on next site visit.
GNVA1	02362000	CHOCTAWHATCHEE RIVER NEAR GENEVA AL	Alert gauge readings are limited to 4 ft and higher. Please use USGS gauge readings at low flows.	CPYRWMA	3/20/2012	Wire Weight Parts arrived and repair being scheduled. CPYRWMA Pressure transducer re-calibrated on 9 Nov 2011 and functioning well for stage readings at 4 ft and higher.
HRAG1	02318380	LITTLE RIVER AT GA122 NEAR HAHIRA	Jittery data and data drop. Problems continuing as of 22 Jan 2013.	USGS GA	12/28/2012	USGS Reports jittery readings are a result of the radar gage and nothing can be done about it. Though Data is coming back in, data quality is not very good right now., very jittery and spurious drop on 28 Dec.

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MRKF1		ST MARS RIVER AT ST MARKS.	Data Dropped 2 ft. plus reversed data transmissions.	NWFWMD	12/13/2012 17Z	NWFMWD has repaired the gauge and values are now correct as of 9 Jan 2013. ** Any data archived prior to 9 Jan 2013 should be deleted**
SNWF1	02330400	NEW RIVER NEAR SUMATRA, FL	Data quit.	USGS TLH	1/22/2013	USGS TLH Notified.

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WCXF1	02323500	SUWANNEE RIVER NR WILCOX, FL		USGS TLH	10/17/2012	Only Float is reporting. NWS is using Float as primary on AHPS. PD was removed by USGS recently. Bubbler installed and being tested.
					9/28/2012	USGS removed -4.78 ft cor on 24 Sep. HADS removed -4.78 ft cor on 28 Sep.
						DCP data is 4.78 ft too high. Have added a -4.78 ft Gage Cor in HADS.
						USGS corrected data on 12 Sep. NWS database updated with good data back to 5 Sep. HADS turned data back on.

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WCXF1	02323500	SUWANNEE RIVER NEAR WILCOX, FLA.	USGS Data Corrections  Primary Sensor (USGS) is reported in Local time (EST/EDT)  Since SRWMD gave float to USGS, following is no longer a concern. <u>Secondary sensor (SRWMD) is always on (EST) Standard time year round.</u>	USGS TLH	9/26/2011	USGS Hydrology Technician resurveyed the site last week. NWIS/ADAPS unit data is now good back to 1 Oct 2010. RFC database repopulated with data back to 1 March 2011. Data is now from the Pressure Transducer. And correct. Corrected data was sent out last week to all NWS databases. Continuing Problem: Tree Cover is hindering DCP data xmsn. USGS considering moving satellite antenna. Lightning reset the gauge on 26 Sep.

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NWSLI	Site ID	Station Name	Concern	Cooperator or Agency	Date Began	Status
WTMF1	02319300	WITHLACOOCHEE RIVER NEAR MADISON FL	Bad Data Spikes	USGS TLH	12/14/2012	USGS to displatch Technician. Data spikes and drops are getting worse.



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												On = Being Displayed / = Not Displayed n/a= not applicable 2=Secondary Backup			
ABNG1	USGS	RG	MSL	150.03	143.21	150.03		+0.00	0	0	+0.00	On	On	On	Permanent
BAXG1	USGS	RG	MSL	+61.51	+61.51	0.00		+61.51	-.03	0	-.03	On	On	On	
BFDF1	USGS	RG	MSL	+4.81	4.81	0.00		+4.81	0	0	0	On	On	On	Permanent
ELLF1 (float) (float)	USGS SRWMD	RG R2	MSL MSL	+27.22 +27.22	+27.22 +27.22	0.00 0.00		+27.22 +27.22	0 +.03	0 0	0 0	On On	On 2	On /	Permanent 6/14/2012 Updated to match USGS
ECOF1	USGS	RG	MSL	+14.35	+14.35	+14.35		0	0	0	0	On	On	On	10/17/2008
FTWF1	USGS	RG	MSL	+3.50	+3.50	0.00		+3.50	0	0	0	On	On	On	6/14/2012 .02 Cor removed

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Gauge Datum Adjustment Status. (All other gauge data is used by NWS as is from Cooperator.)															
FWHF1 (float) (pd)	USGS Sec Pri	R2 RG	MSL MSL	+20.86 +20.86	20.86 20.86	0.00 0.00	+21.62	+20.86 +20.86	HG2 - 0 HG - 0	0 0	0 0	On On	2 On	/ On	
GNVA1 (float) (pd)	USGS CPYRWM A	RG RR	MSL MSL	+62.80 +62.80	+62.80 +62.80	+62.80 +62.80	0.00 ft 4.00 ft	0 n/a	0 n/a	0	0	On n/a	On 2	On n/a	Permanent
HVNF1	USGS	RG	MSL	+59.36	+59.36	+59.36		0		0	0	On	On	On	Permanent
LAMF1	USGS	RG	MSL	0.00	0.00	0.00		-42.90		0	0		Active	Active	16 Mar 2010
LIKF1	SRWMD	RG	MSL	0.00	0.00	0.00		0.00	+.16	0		On	Active		26 Sep 2012
MACF1	USGS	RG	MSL	+40.00	+40.00	+40.00		0		0	0		Active	Active	Permanent
NEPF1	USGS	RG	MSL	+3.53	+3.53	+3.53		0		0	0		Active	Active	Permanent

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PINF1 (float) (pd)	USGS Pri Sec	RG	MSL	+47.21	+47.21	0.00		+47.21		0	0		Active	Active	Permanent
		R2	MSL	+47.21	+47.21	0.00		+47.21		0	0		Active	Active	
SPUF1	USGS	RG	MSL	0.0	0.00	0.00		0		0	0		Active	Active	Permanent
STEF1	USGS	RG	MSL	+7.84	+7.84	+7.84		0		0	0		Active	Active	Permanent

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WCXF1 (Float) (PD) (Bubbler)	USGS USGS USGS	RG --- RG	MSL --- MSL	-0.53 --- -0.53	-0.53 --- -0.53	0.00 --- ---		-0.53 --- ---	0.00 --- ---	0 --- ---	n/a --- ---	On --- ---	1 --- ---	Active Removed In Test	16 Oct 2012  USGS Removed -4.78 Cor 24 Sep 2012.  HADS Removed -4.78 Cor 30 Sep 2012

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Forecast Points in Development or Update	Official Request	Survey	SERFC Approval	Official Request forwarded to Southern Region	Southern Region Approval	Formal E-19 Mailed	Press Release & PNS	AHPS Status	Official Start Date	Notes
BRUF1	Yes	Yes	Yes	Yes	23 Jun 2010	Done	PNS Released.	SERFC Fcst	11 Jan 2011	
<span style="background-color: lime;">CONF1</span>	<span style="background-color: red;">No</span>	<span style="background-color: lime;">Yes</span>	<span style="background-color: lime;">Yes</span>	<span style="background-color: lime;">12/05/2012</span>				<span style="background-color: red;">Local Fcst</span>		<span style="background-color: lime;">Request to transfer to SERFC.</span>
EVRG1	Yes	Yes	Yes	Yes	Yes	Yes	Done	SERFCF cst	Implemented	
<span style="background-color: red;">IRCG1</span>	<span style="background-color: lime;">Yes</span>	<span style="background-color: lime;">Yes</span>	<span style="background-color: lime;">Yes</span>	<span style="background-color: lime;">12/05/2012</span>				<span style="background-color: red;">Local Fcst</span>		<span style="background-color: lime;">Request to transfer to SERFC.</span>
LURF1	Yes	Yes	Yes					Data Only		
<span style="background-color: red;">MHDF1</span>	<span style="background-color: lime;">Yes</span>	<span style="background-color: lime;">Yes</span>	<span style="background-color: lime;">Yes</span>	<span style="background-color: lime;">12/05/2012</span>				<span style="background-color: red;">Local Fcst</span>		<span style="background-color: lime;">Request to transfer to SERFC.</span>
MIDF1	Yes	Yes						Data Only		This will have to be included in a Reservoir Regulation Operation.

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NEPF1	Wakulla County	Yes	Yes	12/05/2012				SERFC Fcst		SERFC, WFO TAE requested Wakulla County to increase FS to 8 ft to avoid overwarning.
PRSG1	Legacy	No	Yes					SERFC Fcst	Implemented	
RCKF1	No	No						Data Only		
SOPF1	Yes	Yes	Yes	12/05/2012				Local Fcst		Request to transfer to SERFC.